

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

1. (Currently Amended) A method for providing a service that delivers ~~a calling party's~~ the geographic location of a calling party on a VOIP phone, comprising:

transmitting a call from a calling party's ~~central office~~ IP network to a called party ~~party's central office~~, wherein data associated with the call includes ~~a directory number~~ an IP identifier of the calling party;

triggering a query ~~to a service control point from the called party's central office~~ from a network element associated with the called party;

in response to the query, retrieving, ~~by using the service control point~~, geographic location information associated with the calling party from an address database that stores the calling party's ~~directory numbers~~ IP identifier and geographic location information, wherein the geographic location information of the calling party is recorded by a geographic location-tracking network;

returning the location information to the called party's ~~central office~~ network element; and

terminating the call and delivering the geographic location information to the called party.

2. (Currently Amended) The method of claim 1, wherein if the call is from a stationary ~~device~~ geographic location, the geographic location information is recorded during the calling party's service activation.

3. (Cancelled)

4. (Currently Amended) The method of claim 1, wherein if the call is from a mobile device, the geographic location information is recorded after the call originates and before the call is received at the ~~central office~~ network element associated with the called party.

5. (Previously Presented) The method of claim 4, wherein the step of recording the geographic location information comprises using a geographic location system to determine a current geographic location of the mobile device.

6. (Previously Presented) The method of claim 5, wherein the current geographic location is in raw format and wherein the step of recording the geographic location information further comprises translating the current geographic location into a displayable form.

7. (Currently Amended) The method of claim 1, wherein the step of retrieving the geographic location information comprises searching a database for the calling party's geographic location information using the ~~directory number~~ IP identifier of the calling party.

8. (Previously Presented) The method of claim 1, wherein the step of retrieving the geographic location information further comprises translating the geographic location information to a displayable form.

9. (Previously Presented) The method of claim 8, wherein the geographic location information is global positioning system coordinates.

10. (Original) The method of claim 8, wherein the displayable form is selected from the group consisting of a street address, a landmark, and a building name.

11. (Previously Presented) The method of claim 1, wherein delivering the geographic location information uses a medium selected from the group consisting of textual displays, graphical displays, and audio message.

12. (Currently Amended) The method of claim 1, wherein the ~~directory number~~ is data associated with the call includes a telephone directory number corresponding to the IP identifier of the calling party.

13. (Currently Amended) The method of claim 1, wherein the query ~~to~~ from the ~~service control point~~ network element of the called party requests geographic location information of the calling party.

14. (Currently Amended) The method of claim ~~1~~ 12, wherein the database cross-references directory numbers with geographic location information of the directory number.

15. (Previously Presented) The method of claim 1, wherein a network that tracks geographic locations of network devices provides the location information.

16. (Original) The method of claim 15, wherein the network provides enhanced 911 services.

17. (Currently Amended) A system for delivering ~~a calling party's~~ location information of a calling party on a VOIP phone associated with an IP identifier, the system comprising:

a location-tracking network storing the calling party's geographic location information in an address database, wherein the address database cross-references geographic location information with directory numbers and IP identifiers associated with VOIP phones;

a control server in communication with the address database; and

a called party's ~~central office~~ network element that receives a call from the calling party's ~~central office~~ party, wherein data associated with the call includes ~~a directory number~~ the IP identifier of the calling party,

wherein the control server is adapted to, in response to a query received from the network element associated with the called party's central office party, search the address

database for a geographic location information corresponding to the ~~directory number~~ IP identifier of the calling party, and to forward the geographic location information to the called party's ~~central-office~~ network element, and

wherein the called party's ~~central-office~~ network element terminates the call and delivers the geographic location information to the called party.

18. (Previously Presented) The system of claim 17, wherein the query is a query for routing instructions, the control server is adapted to provide routing instructions, and the control server returns routing instructions with the geographic location information to the called party's ~~central-office~~ network element, which forwards the geographic location information to a display unit.

19. (Original) The system of claim 18, wherein the routing instructions are in the form of a transaction capability application part response.

20. (Canceled)

21. (Previously Presented) The system of claim 17, wherein if the calling party is a mobile device, the location-tracking network continually updates the address database with new geographic location information.

22. (Previously Presented) The system of claim 17, wherein if the calling party is a stationary device, the geographic location-tracking network records the geographic location information of the stationary device upon installation of the stationary device.

23. (Previously Presented) The system of claim 1, wherein the location-tracking network is a wireless network that supports enhanced 911 services.

24. (Previously Presented) The system of claim 1, wherein the location-tracking network includes a handheld device location system that provides the geographic location information.

25. (Original) The system of claim 24, wherein the handheld device location system is a global positioning system.

26. (Previously Presented) The system of claim 17, wherein the location-tracking network includes a network-based location system that provides the geographic location information.

27. (Original) The system of claim 26, wherein the network-based location system is a Wireless Application Protocol location system.

28. (Previously Presented) The system of claim 17, further comprising a mapping converter that translates the geographic location information from raw form to displayable form.

29. (Currently Amended) The system of claim 28, wherein the mapping converter is in communication with the ~~service control~~ element point.

30. (Previously Presented) The system of claim 28, wherein the mapping converter is in communication with the location-tracking network.

31. (Currently Amended) The system of claim 17, further comprising a name database cross-referencing calling party names with directory numbers corresponding to IP identifiers,

wherein the ~~service control~~ server point is further adapted to search the name database for a name corresponding to the directory number, and to forward the name to a display unit, and

wherein the display unit displays the geographic location information and the name.

32. (Original) The system of claim 31, wherein the display unit is a calling name display unit.

33-46. (Cancelled)

47. (New) The method of Claim 1, wherein the IP identifier comprises an IP address of the calling party.

48. (New) The system of Claim 17, wherein the IP identifiers comprise IP addresses associated with VOIP phones.